BookletChart™

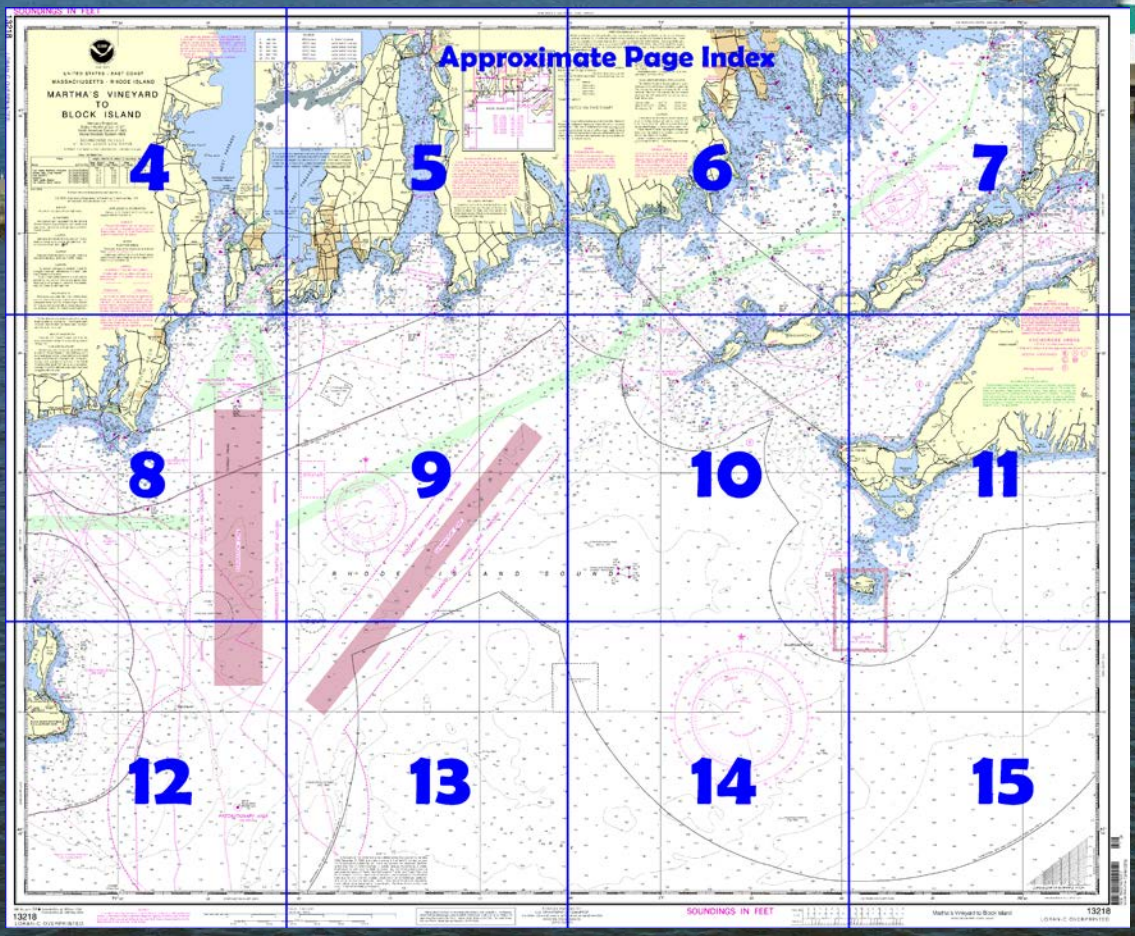
Martha's Vineyard to Block Island

NOAA Chart 13218

A reduced-scale NOAA nautical chart for small boaters

When possible, use the full-size NOAA chart for navigation.

- *Complete, reduced-scale nautical chart*
- *Print at home for free*
- *Convenient size*
- *Up-to-date with Notices to Mariners*
- *Compiled by NOAA's Office of Coast Survey, the nation's chartmaker*



Published by the
National Oceanic and Atmospheric Administration
National Ocean Service
Office of Coast Survey
www.NauticalCharts.NOAA.gov
888-990-NOAA

What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

What is a BookletChart™?

This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

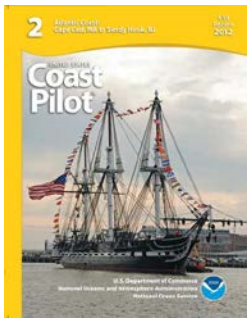
Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at http://www.NauticalCharts.NOAA.gov.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

Notice to Mariners Correction Status

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.

For latest Coast Pilot excerpt visit the Office of Coast Survey website at http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=13218



(Selected Excerpts from Coast Pilot)
Vineyard Sound and Buzzards Bay are deep and easily navigated day or night. Vineyard Sound, together with Nantucket Sound, provides an inside route from New York to Boston which avoids Nantucket Shoals. Buzzards Bay, together with Cape Cod Canal and Cape Cod Bay, provides the shortest deep-draft route between New York and Boston.

Vineyard Sound is bounded on the north by the southwestern part of Cape Cod and the Elizabeth Islands, and on the south by part of Martha's Vineyard, which presents a rugged and generally inaccessible shoreline. To the west, it joins Rhode Island Sound on a line between Cuttyhunk Island and Gay Head. To the east, it joins Nantucket Sound on a line between Nobska Point and West Chop and provides an inside passage clear of Nantucket Shoals. The navigational aids are colored and numbered for passing through the sound from the eastward. The channel through the sound is well marked and generally free of dangers.

East Chop and **West Chop** are prominent points on the north side of Martha's Vineyard and on the east and west side of the entrance to Vineyard Haven.

West Chop Light (41°28'51"N., 70°35'59"W.), 84 feet above the water, is shown from a white conical tower at the summit of West Chop. A fog signal is sounded from the light station.

A lighted gong buoy, 0.5 mile northeastward of the light, and a buoy, 0.5 mile eastward of the light, mark shoal water and rocks awash to the eastward of West Chop. It has been reported that during strong tidal currents, the buoy may be submerged.

East Chop Light (41°28'13"N., 70°34'03"W.), 79 feet above the water, is shown from a white tower on the east side of the entrance to Vineyard Haven. **East Chop Flats**, covered 5 to 18 feet, extend 0.2 mile northward and 0.5 mile eastward of East Chop.

Buzzards Bay, Dangers.–Hen and Chickens, extending 1.4 miles southward of Gooseberry Neck, is a reef consisting of many large boulders, most of them baring a foot or less. The reef is in two large groups; the southerly group is the larger. Numerous covered rocks are well away from the visible part of the danger. A narrow ledge covered 5 to 14 feet extends about 0.4 mile northward from the visible part of Hen and Chickens. A buoy is north of the ledge. **Old Cock**, a rock awash, and **The Wildcat**, covered 5 feet and unmarked, are in the southern shoal area. The south edge of the shoal is marked by a buoy. Strangers are advised to stay outside the 5-fathom curve in this vicinity.

Security Broadcast System, Narragansett Bay.–In conjunction with various maritime interests, the Coast Guard has developed a system of recommended radiotelephone procedures for Narragansett and Mount Hope Bays that is designed to supplement the Vessel Bridge-to-Bridge Radiotelephone Regulations (33 CFR 26) (see chapter 2). These **voluntary** procedures consist of Security calls to be made by vessel masters, pilots, or operators on VHF-FM channel 13 (156.65 MHz) at designated points. The procedures are designed to give notice of unseen vessels, give notice of intended movement, clear channel 13 of traffic unrelated to navigation, give each vessel information on all others in the immediate vicinity, and to do so at little cost and with as little radiotelephone traffic as possible. These recommendations do not relieve a master, pilot, or operator of any requirements of law or regulation. There is no guarantee that every vessel will follow them.

Inbound vessels should make security calls when abeam of Narragansett Bay Entrance Lighted Whistle Buoy NB, when off Castle Hill Light, and when at the south end of Prudence Island (state whether bound for Providence or Fall River). The call at Castle Hill Light alerts outbound vessels so that they can pass East Passage Lighted Bell Buoy 11 close aboard, as during ebb current they tend to be set toward the center of the channel. Vessels bound for Providence should make additional Security calls when off Popasquash Neck and when approaching Bullock Point Light BP. Vessels bound for Fall River should call Brightman Street Bridge when they enter Mount Hope Bay to allow sufficient time for the opening of the bridge.

Vessels outbound from Providence should make Security calls when leaving their dock and when off Popasquash Neck. Vessels outbound from Fall River should make calls when leaving their dock, when approaching Mount Hope Bridge, and when off Gould Island.

U.S. Coast Guard Rescue Coordination Center
24 hour Regional Contact for Emergencies

RCC Boston	Commander 1st CG District Boston, MA	(617) 223-8555

Table of Selected Chart Notes

Corrected through NM Oct. 3/09
Corrected through LNM Sep. 22/09

NOTE X

Within the 12-nautical mile Territorial Sea, established by Presidential Proclamation, some Federal laws apply. The Three Nautical Mile Line, previously identified as the outer limit of the territorial sea, is retained as it continues to depict the jurisdictional limit of the other laws. The 9-nautical mile Natural Resource Boundary off the Gulf coast of Florida, Texas, and Puerto Rico, and the Three Nautical Mile Line elsewhere remain in most cases the inner limit of Federal fisheries jurisdiction and the outer limit of the jurisdiction of the states. The 24-nautical mile Contiguous Zone and the 200-nautical mile Exclusive Economic Zone were established by Presidential Proclamation. Unless fixed by treaty or the U.S. Supreme Court, these maritime limits are subject to modification.

TIDAL INFORMATION

PLACE		Height referred to datum of soundings (MLLW)		
NAME	(LAT/LONG)	Mean Higher High Water	Mean High Water	Mean Low Water
		feet	feet	feet
Gay Head, Martha's Vineyard	(41°21'N/70°50'W)	3.2	3.0	0.1
Woods Hole, Little Harbor	(41°31'N/70°40'W)	1.6	1.5	0.1
New Bedford	(41°38'N/70°55'W)	4.1	3.9	0.1
Newport	(41°30'N/71°20'W)	3.9	3.6	0.1
Point Judith Harbor of Refuge	(41°22'N/71°29'W)	3.4	3.1	0.1
Old Harbor, Block Island	(41°10'N/71°33'W)	3.2	3.0	0.1

Dashes (- - -) located in datum columns indicate unavailable datum values for a tide station. Real-time water levels, tide predictions, and tidal current predictions are available on the Internet from http://tidesandcurrents.noaa.gov.

(Aug 2009)

For Symbols and Abbreviations see Chart No. 1

SOUNDINGS IN FEET

13218 LORAN - C OVERPRINTED

THE NATION'S CHARTMAKER SINCE 1807

UNITED STATES - EAST COAST

MASSACHUSETTS - RHODE ISLAND

MARTHA'S VINEYARD TO BLOCK ISLAND

Mercator Projection
Scale 1:80,000 at Lat. 41°27'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

Additional information can be obtained at nauticalcharts.noaa.gov.

TIDAL INFORMATION

PLACE		Height referred to datum of soundings (MLLW)		
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Woods Hole, Little Harbor	(41°31'N/70°40'W)	1.6	1.5	0.1
New Bedford	(41°38'N/70°55'W)	4.1	3.8	0.1
Newport	(41°30'N/71°20'W)	3.9	3.6	0.1
Point Judith Harbor of Refuge	(41°22'N/71°29'W)	3.4	3.1	0.1
Old Harbor, Block Island	(41°10'N/71°33'W)	3.2	3.0	0.1

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(Aug 2009)

For Symbols and Abbreviations see Chart No. 1

COLREGS: International Regulations for Preventing Collisions at Sea, 1972.
Demarcation lines are shown thus: — — — —

HEIGHTS

Heights in feet above Mean High Water.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers and U.S. Coast Guard.

CAUTION

Mariners are warned to stay clear of the protective riprap surrounding navigational light structures shown thus:

CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

During some winter months or when endangered by ice, certain aids to navigation are replaced by other types or removed. For details see U.S. Coast Guard Light List.

RACING BUOYS

Racing buoys within the limits of this chart are not shown hereon. Information may be obtained from the U.S. Coast Guard District Offices as racing and other private buoys are not all listed in the U.S. Coast Guard Light List.

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 2 for important supplemental information.

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

NOTE B

FISH TRAP AREAS

Boundary lines of fish trap areas are shown thus: — — — — —

Submerged piling may exist in these areas. Areas 2 and 3 are available for fish traps from March 1 to December 31.

CAUTION

SUBMARINE PIPELINES AND CABLES

Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:

Pipeline Area — Cable Area

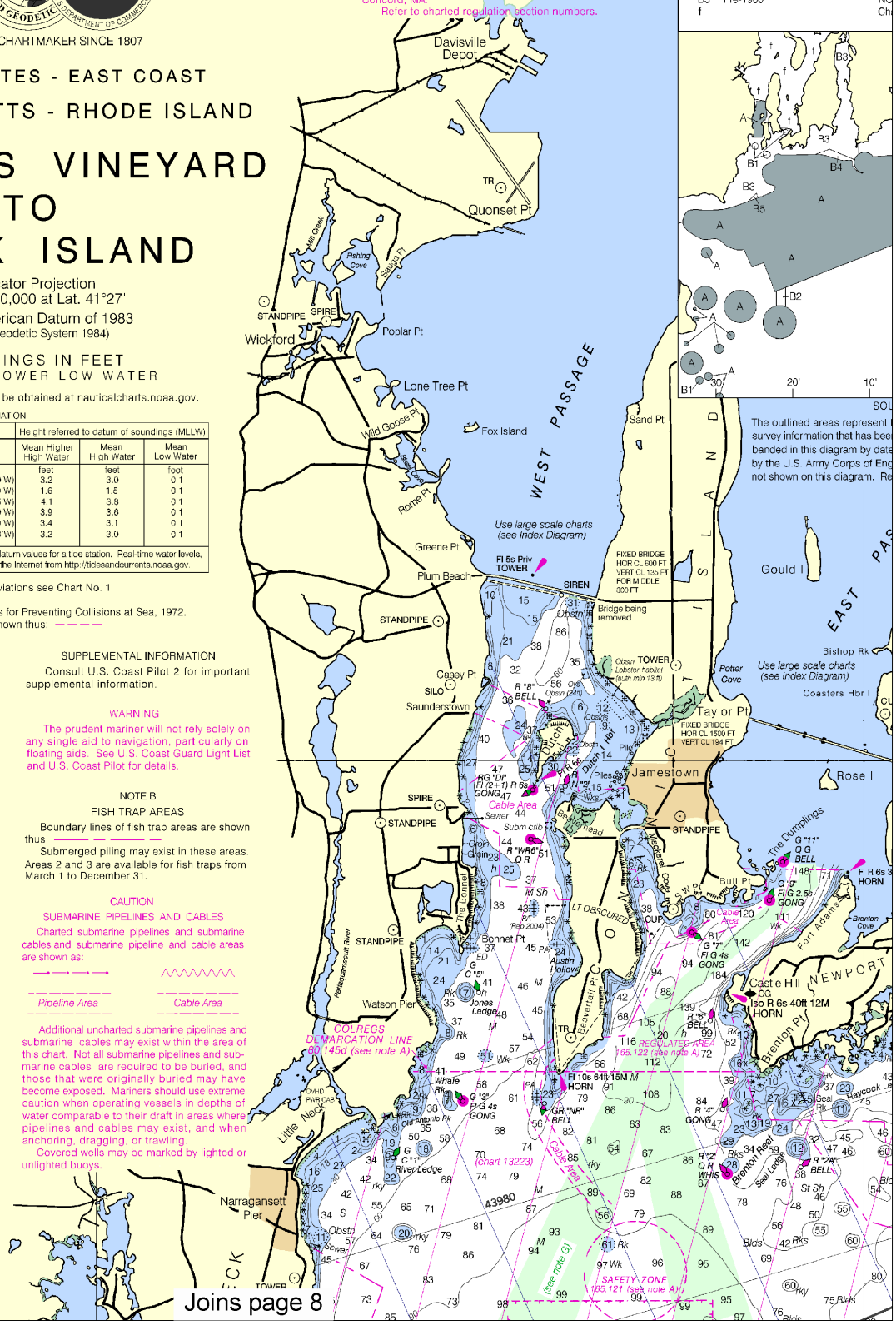
Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging, or trawling.

Covered wells may be marked by lighted or unlighted buoys.

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 2. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 1st Coast Guard District in Boston, MA or at the Office of the District Engineer, Corps of Engineers in Concord, MA.

Refer to charted regulation section numbers.



Printed at reduced scale. ~~SCALE 1:80,000~~

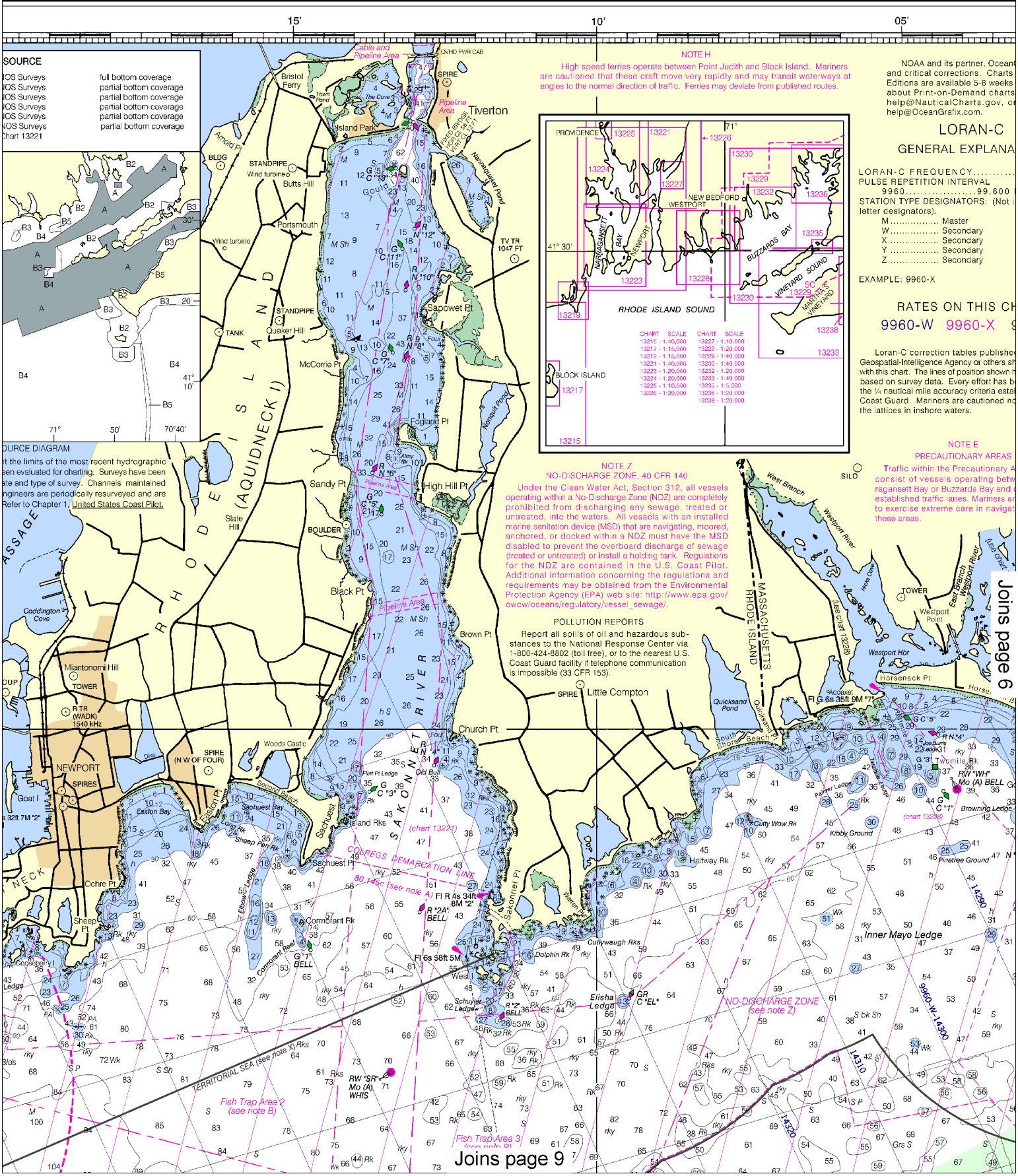
See Note on page 5.

Nautical Miles: 1 0 1 2 3 4 5 6 7

Yards: 1000 0 2000 4000 6000 8000 10000

4

Note: Chart grid lines are aligned with true north.



This BookletChart was reduced to 70% of the original chart scale.
The new scale is 1:114286. Barscales have also been reduced and
are accurate when used to measure distances in this BookletChart.

05' 71° 55'

PRINT-ON-DEMAND CHARTS

NOAA and its partner, OceanGrafix, offer this chart updated weekly by NOAA for Notices to Mariners and critical corrections. Charts are printed when ordered using Print-on-Demand technology. New Editions are available 5-8 weeks before their release as traditional NOAA charts. Ask your chart agent about Print-on-Demand charts or contact NOAA at 1-800-584-4683, http://NauticalCharts.gov, help@NauticalCharts.gov, or OceanGrafix at 1-877-56CHART, http://OceanGrafix.com, or help@OceanGrafix.com.

Block Island. Mariners ay transit waterways at rom published routes.

LORAN-C

GENERAL EXPLANATION

LORAN-C FREQUENCY.....100kHz
PULSE REPETITION INTERVAL
9960.....99,600 Microseconds
STATION TYPE DESIGNATORS: (Not individual station letter designators).
M..... Master
W..... Secondary
X..... Secondary
Y..... Secondary
Z..... Secondary

EXAMPLE: 9960-X

RATES ON THIS CHART

9960-W 9960-X 9960-Y

Loran-C correction tables published by the National Geospatial-Intelligence Agency or others should not be used with this chart. The lines of position shown have been adjusted based on survey data. Every effort has been made to meet the ¼ nautical mile accuracy criteria established by the U.S. Coast Guard. Mariners are cautioned not to rely solely on the lattices in inshore waters.

NOTE C

NEW BEDFORD AND FAIRHAVEN HARBOR

The project depth is 30 feet from Buzzards Bay to above the New Bedford and Fairhaven Bridge. For controlling depth use charts 13229 and 13230.
Intermediate aids to navigation are not shown, see chart 13229 or 13230.

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

Hyannis, MA	KEC-73	162.550 MHz
New London, CT	KHB-47	162.550 MHz
Providence, RI	WXJ-39	162.400 MHz

CAUTION

Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117.
Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.
Station positions are shown thus:
⊙(Accurate location) ○(Approximate location)

NOTE E

PRECAUTIONARY AREAS

Traffic within the Precautionary Areas may consist of vessels operating between Narragansett Bay or Buzzards Bay and one of the established traffic lanes. Mariners are advised to exercise extreme care in navigating within these areas.

NOTE F

TORPEDO RANGE

A 2-mile-wide restricted area extends from the Northern limits of the Narragansett Bay Approach traffic separation zone to 41° 24' 42". This restricted area within the precautionary area will only be closed to vessel traffic during periods of daylight and optimum weather conditions for torpedo range use. Consult Chapter 6, U.S. Coast Pilot 2, for additional information.

Joins page 5

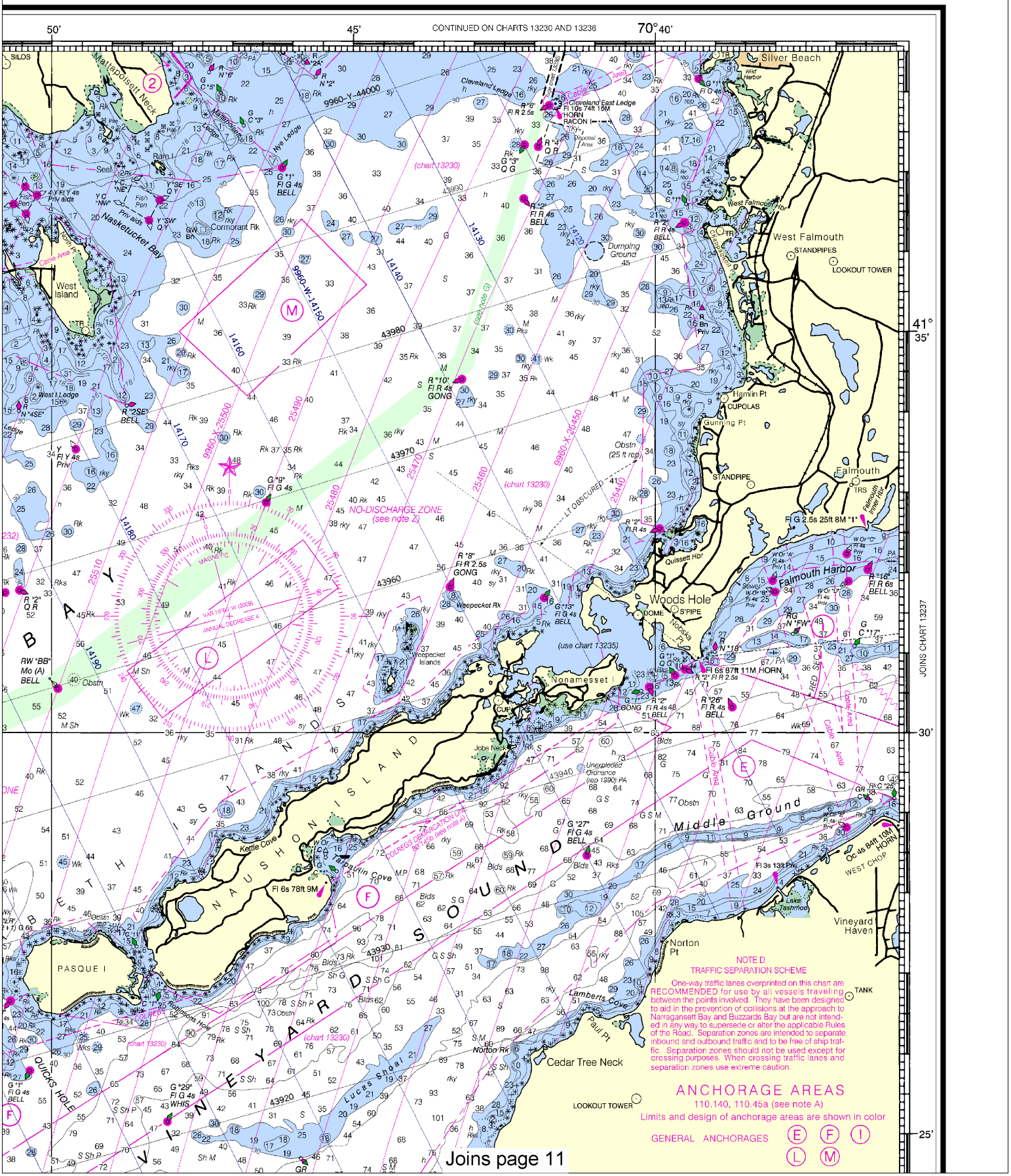
Joins page 10

Note: Chart grid lines are aligned with true north.

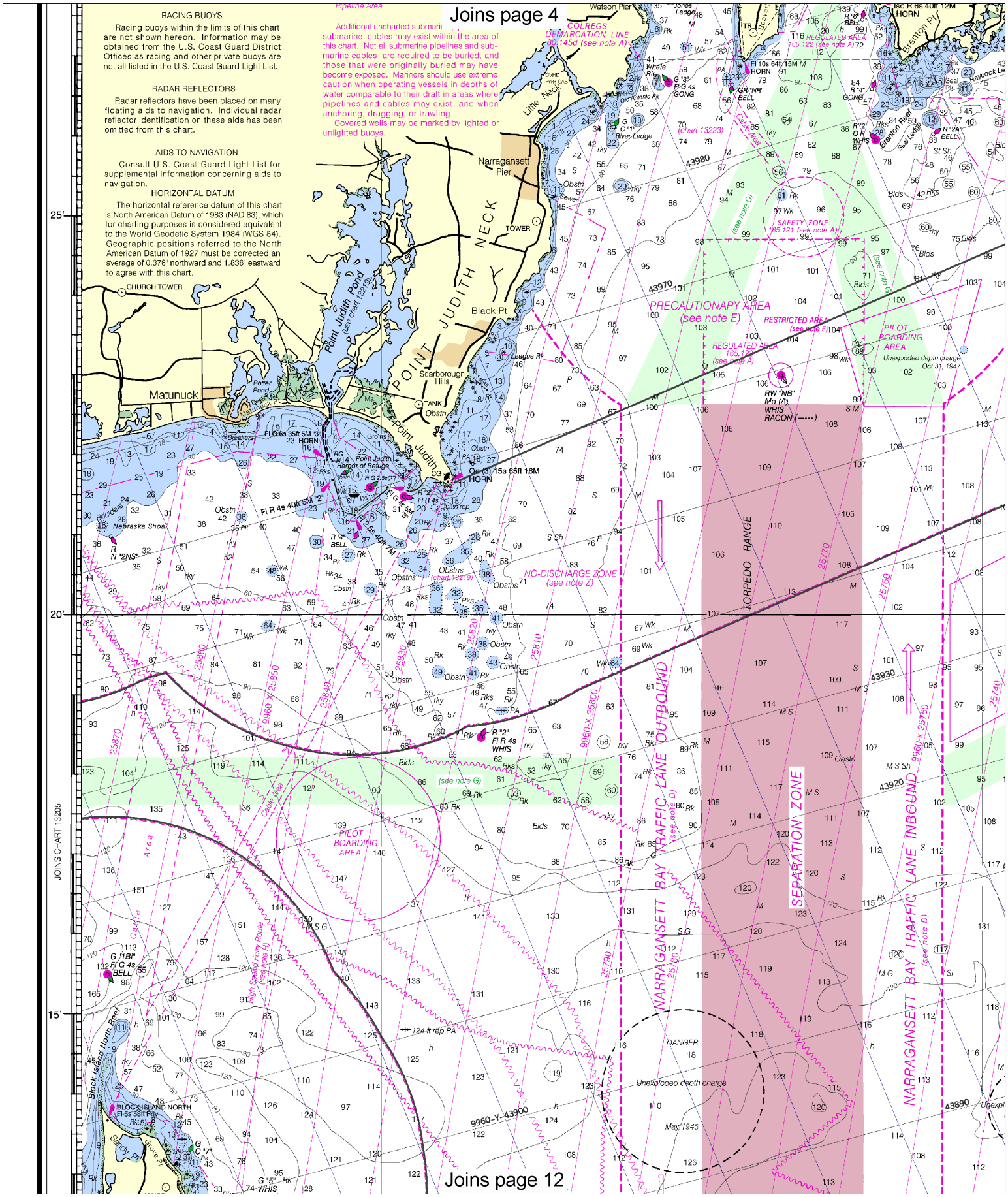
Printed at reduced scale. ~~SCALE 1:80,000~~ See Note on page 5.

Nautical Miles
1 0 1 2 3 4 5 6 7

Yards
1000 0 2000 4000 6000 8000 10000



This BookletChart has been updated through: Coast Guard Local Notice To Mariners: 0413 1/22/2013,
NGA Weekly Notice to Mariners: 0613 2/9/2013,
Canadian Coast Guard Notice to Mariners: 1112 11/30/2012.



8

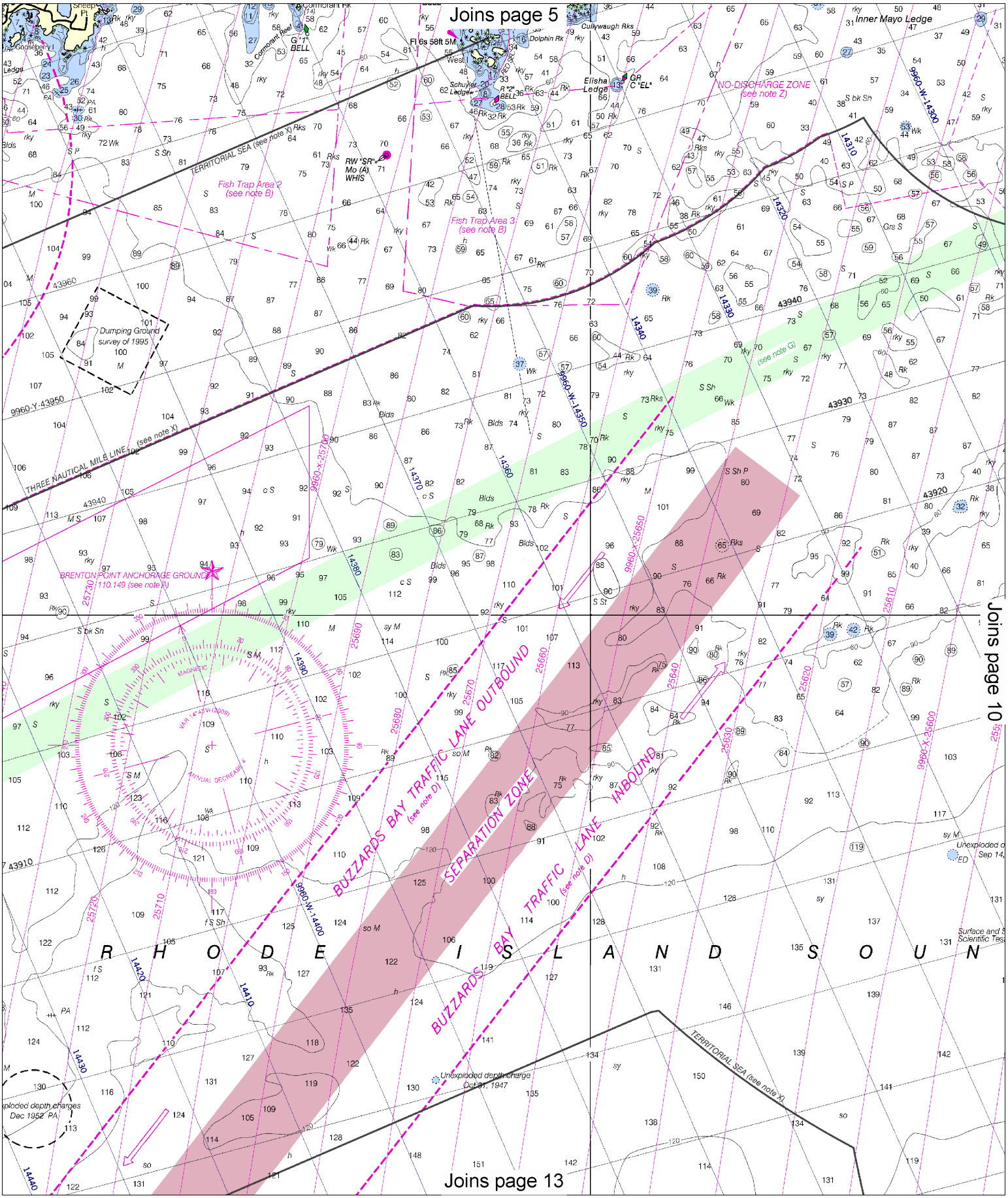
Note: Chart grid lines are aligned with true north.

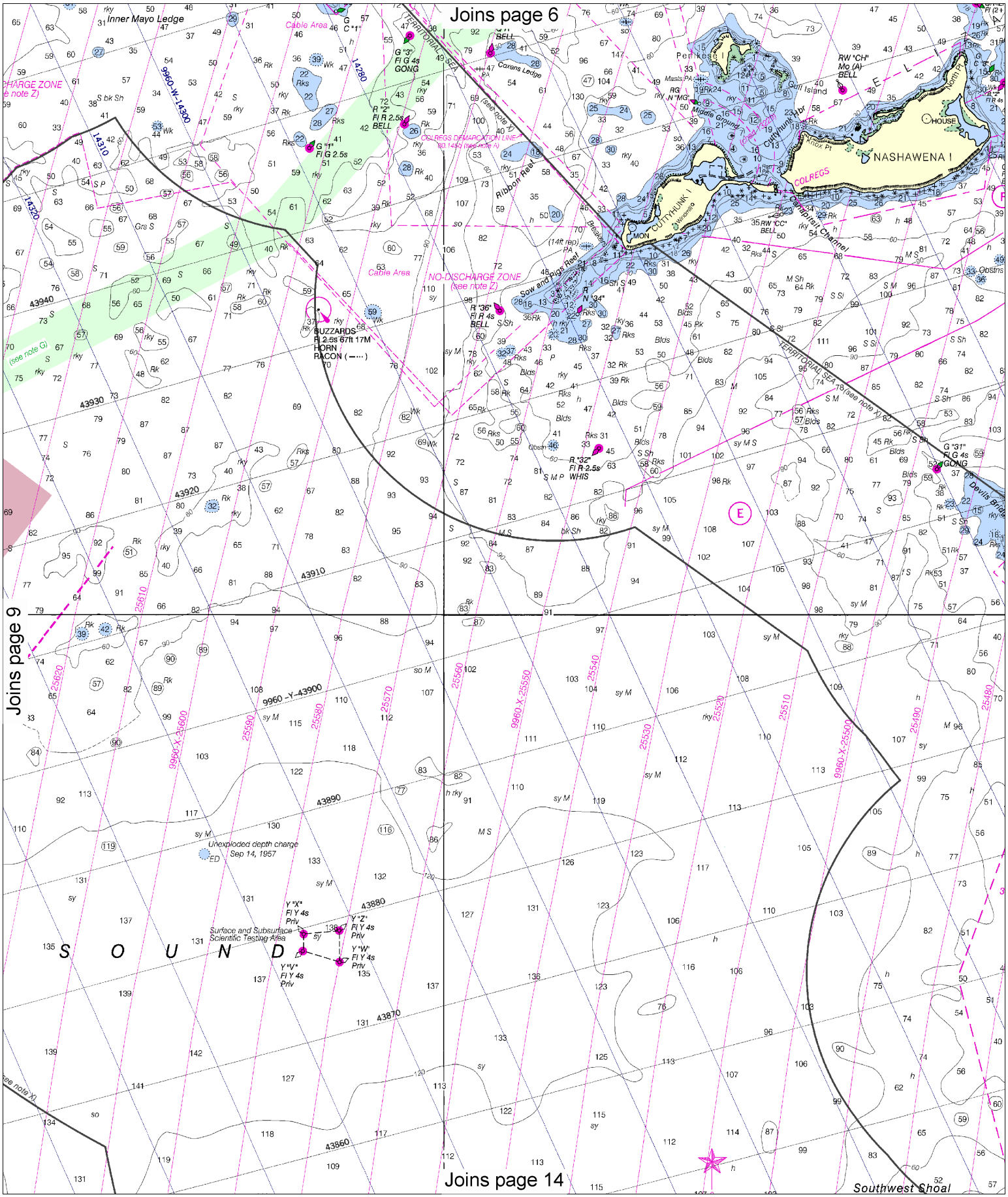
Printed at reduced scale. ~~SCALE 1:80,000~~

Nautical Miles: 1 0 1 2 3 4 5 6 7

Yards: 1000 0 2000 4000 6000 8000 10000

See Note on page 5.


Joins page 5
Inner Mayo Ledge
Fl 6s 58ft 5M
Elisha Ledge
NO-DISCHARGE ZONE (see note Z)
TERRITORIAL SEA (see note X)
Fish Trap Area 2 (see note B)
Fish Trap Area 3 (see note B)
Dumping Ground survey of 1995
THREE NAUTICAL MILE LINE (see note X)
BRENTON POINT ANCHORAGE GROUND 110.149 (see note K)
BUZZARDS BAY TRAFFIC LANE OUTBOUND (see note D)
SEPARATION ZONE
BUZZARDS BAY TRAFFIC LANE INBOUND (see note D)
R H O D E I S L A N D S O U N
Unexploded depth charge Oct 31, 1947
Joins page 10
Joins page 13



10

Note: Chart grid lines are aligned with true north.

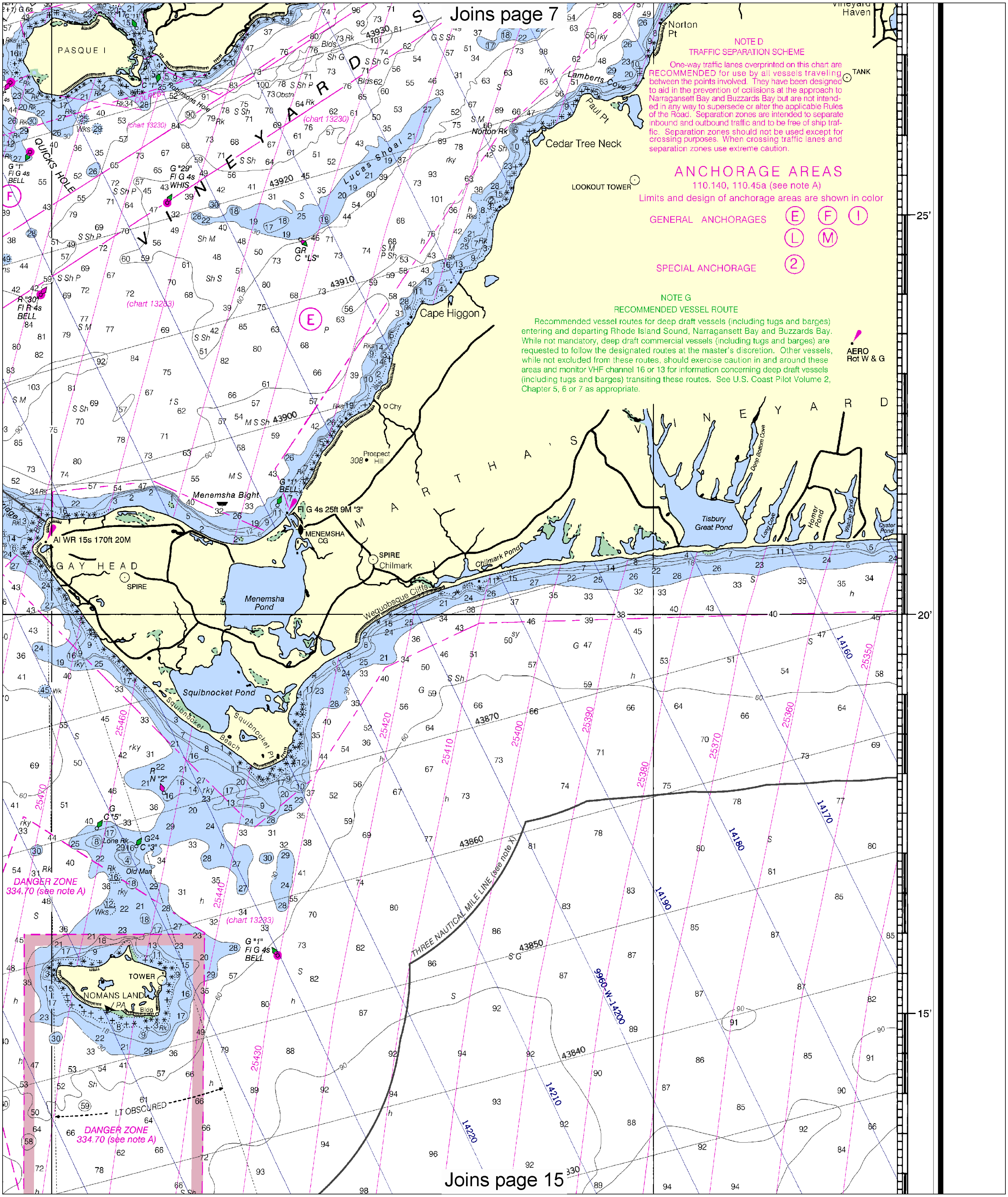
Printed at reduced scale. ~~SCALE 1:80,000~~ See Note on page 5.

Nautical Miles

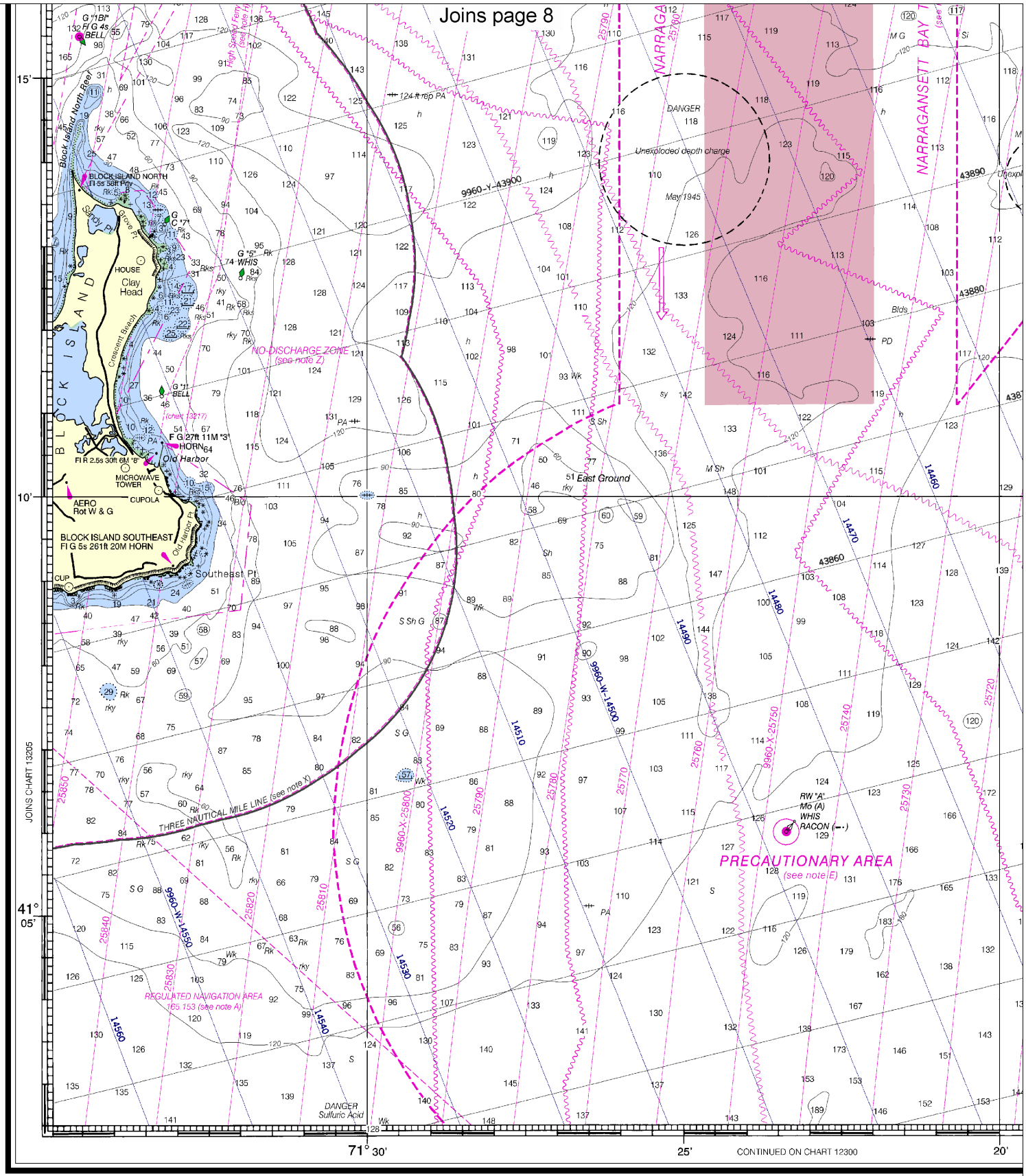
1 0 1 2 3 4 5 6 7

Yards

1000 0 2000 4000 6000 8000 10000



Joins page 7
NOTE D
TRAFFIC SEPARATION SCHEME
One-way traffic lanes overprinted on this chart are RECOMMENDED for use by all vessels traveling between the points involved. They have been designed to aid in the prevention of collisions at the approach to Narragansett Bay and Buzzards Bay but are not intended in any way to supersede or alter the applicable Rules of the Road. Separation zones are intended to separate inbound and outbound traffic and to be free of ship traffic. Separation zones should not be used except for crossing purposes. When crossing traffic lanes and separation zones use extreme caution.
ANCHORAGE AREAS
110.140, 110.45a (see note A)
Limits and design of anchorage areas are shown in color
GENERAL ANCHORAGES E F I L M
SPECIAL ANCHORAGE 2
NOTE G
RECOMMENDED VESSEL ROUTE
Recommended vessel routes for deep draft vessels (including tugs and barges) entering and departing Rhode Island Sound, Narragansett Bay and Buzzards Bay. While not mandatory, deep draft commercial vessels (including tugs and barges) are requested to follow the designated routes at the master's discretion. Other vessels, while not excluded from these routes, should exercise caution in and around these areas and monitor VHF channel 16 or 13 for information concerning deep draft vessels (including tugs and barges) transiting these routes. See U.S. Coast Pilot Volume 2, Chapter 5, 6 or 7 as appropriate.
VINEYARD SOUND
MARTHA'S VINEYARD
PASQUE I
QUICKS HOLE
Robinsons Hole
Lucas Shoal
Norton Pt
Vineyard Haven
Lamberts Cove
Paul Pt
Cedar Tree Neck
LOOKOUT TOWER
Cape Higgon
Prospect Hill
Menemsha Bight
MENEMSHA CG
SPIRE Chilmark
Chilmark Pond
Tisbury Great Pond
GAY HEAD
Al WR 15s 170ft 20M
Fl G 4s 25ft 9M "3"
Menemsha Pond
Squibnocket Pond
Squibnocket Beach
Squibnocket Pt
Wequobsque Cliffs
THREE NAUTICAL MILE LINE (see note X)
DANGER ZONE 334.70 (see note A)
NOMANS LAND
TOWER
LT OBSCURED
AERO Rot W & G
25'
20'
15'
Joins page 15



41st Ed., Oct. / 09 ■ Corrected through NM Oct. 3/09
Corrected through LNM Sep. 22/09

13218

LORAN - C OVERPRINTED

CAUTION

This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner. Chart updates corrected from Notice to Mariners published after the dates shown in the lower left hand corner are available at nauticalcharts.noaa.gov.

SCALE 1:
Nautical
1 0 1 2 3
Yards
1000 0 2000 4000

12

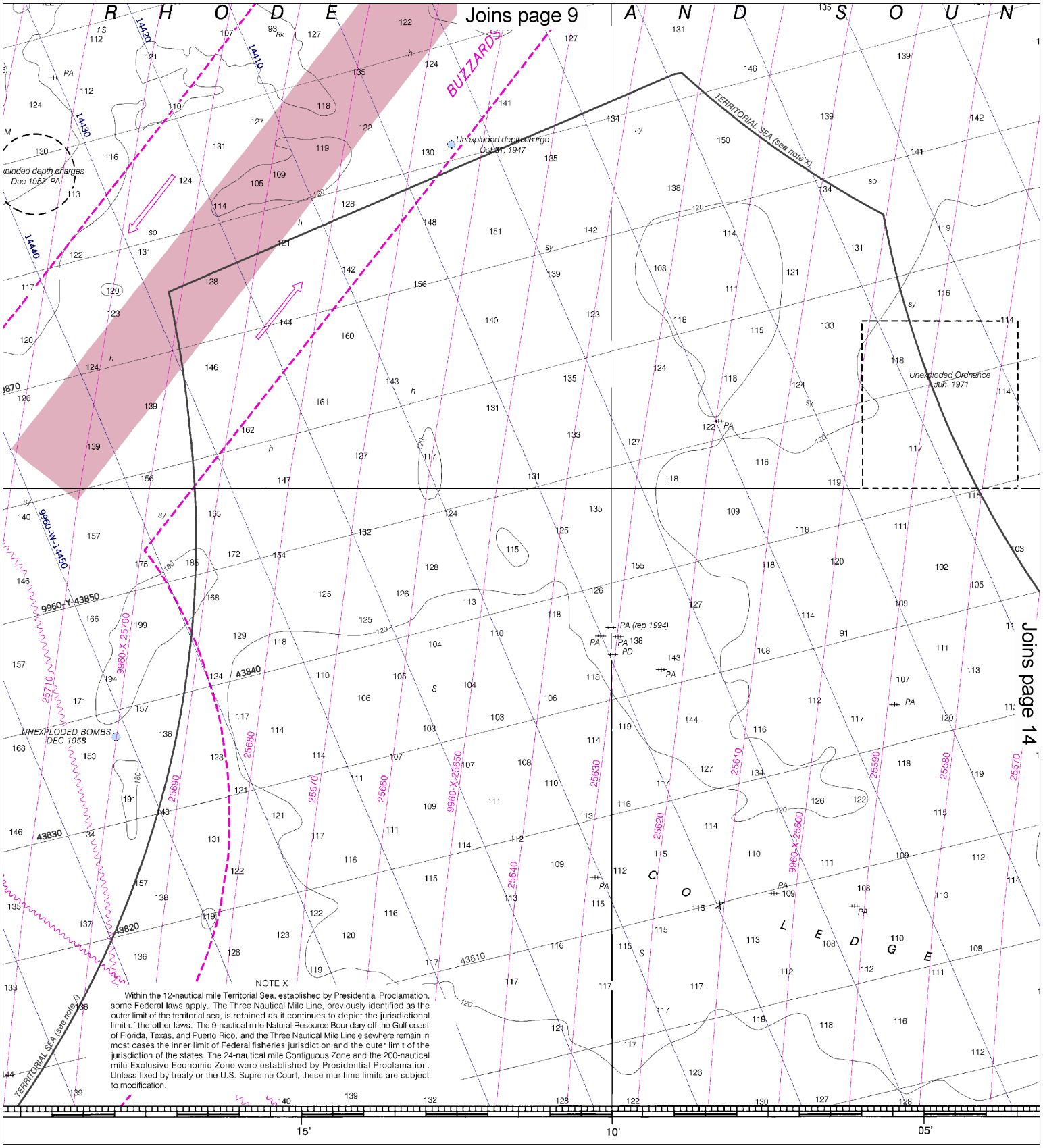
Note: Chart grid lines are aligned with true north.

Printed at reduced scale. ~~SCALE 1:80,000~~

Nautical Miles
1 0 1 2 3 4 5 6 7

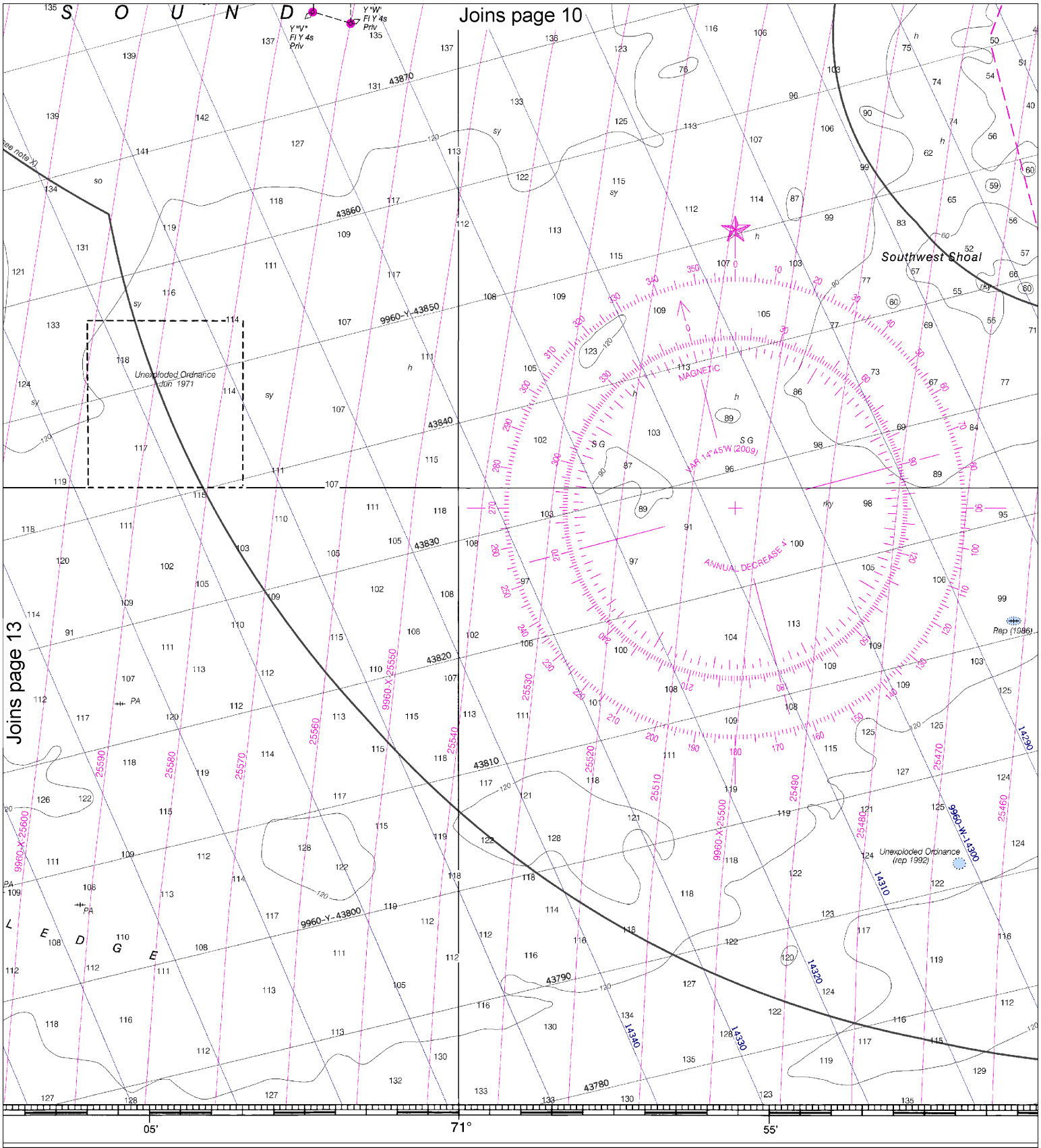
Yards
1000 0 2000 4000 6000 8000 10000

See Note on page 5.



:80,000
Miles
4 5 6 7
s
6000 8000 10000

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY



Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
ONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.

SOUNDINGS IN FEET

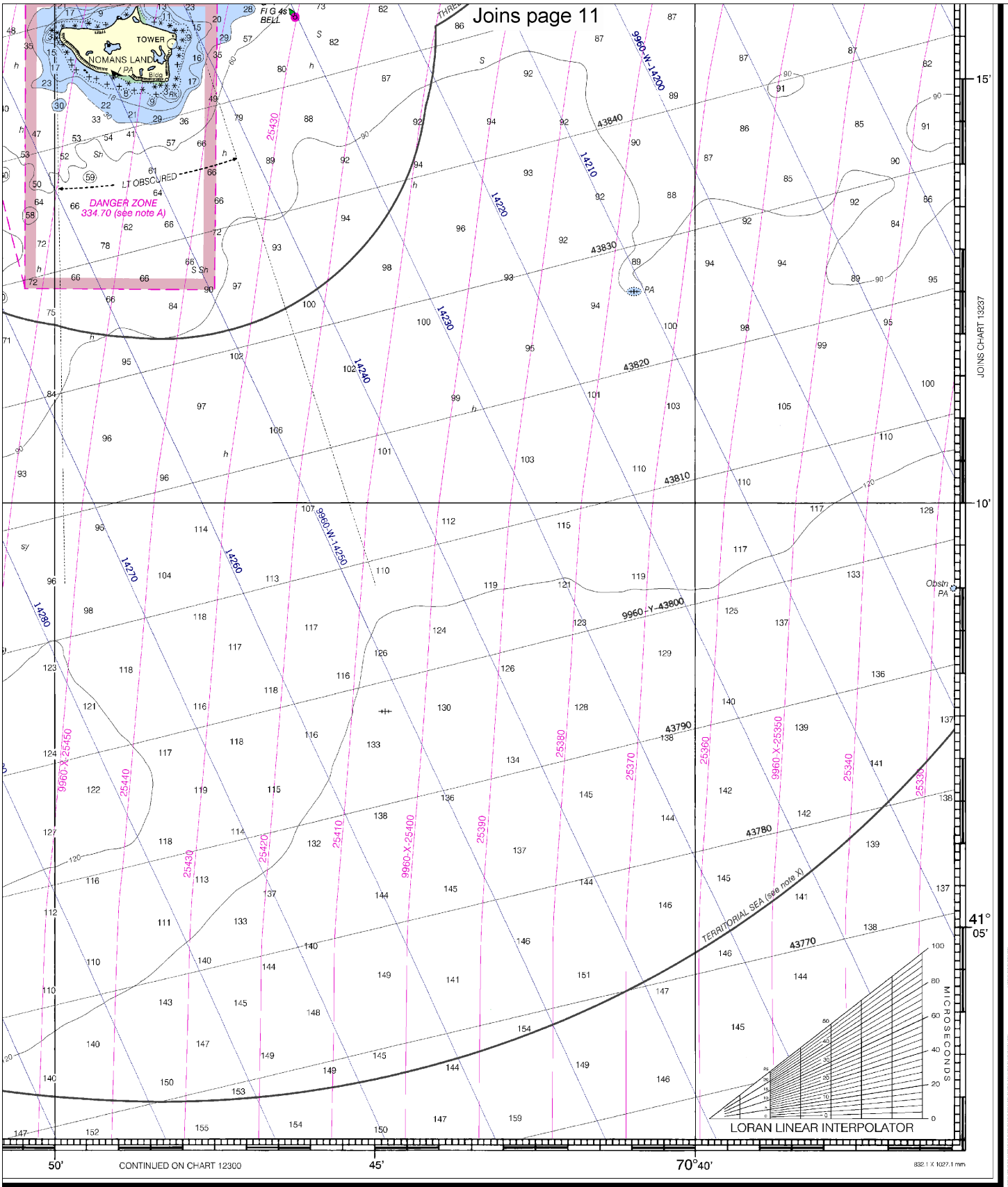
Note: Chart grid lines are aligned with true north.

Printed at reduced scale. ~~SCALE 1:80,000~~

Nautical Miles: 1 0 1 2 3 4 5 6 7

Yards: 1000 0 2000 4000 6000 8000 10000

See Note on page 5.



FATHOMS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

FEET 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96 102

METERS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Martha's Vineyard to Block Island

SOUNDINGS IN FEET - SCALE 1:80,000

13218

LORAN - C OVERPRINTED

ED. NO. 41

NSN 7642014010412

NGA REFERENCE NO. 13AHA13218

EMERGENCY INFORMATION

VHF Marine Radio channels for use on the waterways:

Channel 6 – Inter-ship safety communications.
Channel 9 – Communications between boats and ship-to-coast.
Channel 13 – Navigation purposes at bridges, locks, and harbors.
Channel 16 – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other vessels. Contact the other vessel, agree to another channel, and then switch.
Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.
Channels 68, 69, 71, 72 and 78A – Recreational boat channels.

Getting and Giving Help — Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.

Distress Call Procedures

- Make sure radio is on.
- Select Channel 16.
- Press/Hold the transmit button.
- Clearly say: "MAYDAY, MAYDAY, MAYDAY."
- Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
- Release transmit button.
- Wait for 10 seconds — If no response Repeat MAYDAY call.

HAVE ALL PERSONS PUT ON LIFE JACKETS!

All Hazards NOAA Weather Radio NOAA's National Weather Service

NOAA Weather Radio All Hazards (NWR) is a nationwide network of radio stations broadcasting continuous weather information directly from the nearest National Weather Service office. NWR broadcasts official Weather Service warnings, watches, forecasts and other hazard information 24 hours a day, 7 days a week.
http://www.nws.noaa.gov/nwr/

Quick References

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Marine Forecasts	—	**http://www.nws.noaa.gov/om/marine/home.htm**
National Data Buoy Center	—	**http://www.ndbc.noaa.gov/**
NowCoast web portal for coastal conditions	—	**http://www.nowcoast.noaa.gov/**
National Weather Service	—	**http://www.weather.gov/**
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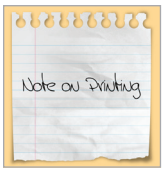

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NOAA's Office of Coast Survey The Nation's Chartmaker